ARRL and TAPR 20th Annual

Digital Communications Conference

September 21-23, 2001 • Cincinnati, Ohio

http://www.tapr.org/dcc

Information

Mark your calendar and start making plans to attend the year's premier event in digital communications. The 20th Annual ARRL and TAPR Digital Communications Conference will be held September 21-23, 2001, in Cincinnati, Ohio - just minutes from the Cincinnati/Northern Kentucky International Airport in Covington/Cincinnati, KY.

The ARRL and TAPR Digital Communications Conference is an international forum for radio amateurs in digital communications, networking, and related technologies to meet, publish their work, and present new ideas and techniques for discussion. Presenters and attendees will have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications. The Digital Communications Conference is not just for the digital expert, but also for digitally oriented amateurs of all levels of experience.

A Conference for the Beginner as well

The conference is not just for the digital expert. As in years past an entire session strand with beginning, intermediate, and advanced presentations on selected topics in digital communications will be offered. Some of the topics will include: APRS, Satellite Communications, TCP/IP, Digital Radio, Spread Spectrum and other introductory topics. Come to the conference and hear these topics presented by the experts!

Area Attractions

Distance from the conference hotel: Turfway Park, Horse Racing (2 mi), Argosy Casino (12 mi), Cinergy Field, Red's Baseball (8 mi), P. Brown Stadium, Bengal's Football (8 mi), FirstStar Center, Cyclones Hockey (8 mi), Aronoff Center for Performing Arts (8 mi), Newport Aquarium (6 mi), Cincinnati Zoo (10 mi), Grand Victoria Casino (21 mi), Kentucky Speedway (30 mi), Gap Outlet Shopping (3 mi).

Symposia, Seminars and Banquet

Two symposia/seminars will be held which allow those with additional time and interest to make the most of the Conference. For those who may have interest in just one symposium or seminar, registration for the conference is not required to attend these activities. This allows maximum flexibility for those who may want to participate during the Digital Communications Conference, but do not have an entire weekend to devote to the event.

This year the Fifth Annual APRS National Symposium will be an all day event Friday moderated by Steve Dimse, K4HG (the developer of javAPRS and www.findu.com). It will likely include many APRS software authors, such as Bob Bruninga, WB4APR (the father ofAPRS), Keith Sproul, WU2Z, Mark Sproul, KB2ICI (the developers of MacAPRS and WinAPRS), (continued)

Co-Hosts

The 2001 ARRL and TAPR Digital Communications Conference local co-hosts will be the

Southwest Ohio Digital Symposium
http://w3.one.net/~rkuns/swohdigi.html

International Co-Hosts

PRUG (Packet Radio User Group of Japan) will be the International co-host for a fourth year running. PRUG will be hosting an informal social Friday evening before their seminar and symposium is held. Visit http://www.prug.or.jp for more information about PRUG.

Call for Papers

Anyone interested in digital communications is invited to submit a paper for publication in the Conference Proceedings. Presentation at the Conference is not required for publication. Papers are due by **August 6th, 2001**, and should be submitted to

Maty Weinberg, ARRL
225 Main Street
Newington, CT 06111

or via the Internet to

lweinberg@arrl.org

Information on paper submission guidelines are available on-line at

http://www.tapr.org/dcc

Brent Hildebrand, KH2Z (the developer of APRSPLUS), Mike Musick, N0QBF (developer of PocketAPRS), and other nationally known APRS leaders. Join this group for the afternoon and evening for in-depth discussions and presentations on the current and future status of APRS. This is a unique opportunity to gain insight into this fast-growing digital aspect of amateur operations that combines computers, packet radio, and GPS (Global Positioning System).

On Saturday night the DCC Banquet will be held. A guest speaker will speak after the banquet and a prize drawing will top the evening.

The Sunday morning seminar will be on **Simulating Circuits and Systems with *Serenade SV*** presented by Dave Newkirk, W9VES, of Ansoft Corporation. Dave will show you how Serenade SV is like having a RF/Microwave communications lab in you computer. For more information about Serenade SV and free download see http://www.ansoft.com. Also, see Dave's article in the January 2001 *QST*.

Hotel

Conference presentations, meetings, and seminars will be held at the **Holiday Inn Cincinnati – Airport and Conference Center**. It is highly recommended that you book your room prior to arriving. A special DCC room rate of **$89/single** and **$89/double** per night has been blocked for 50 rooms and is available until September 1st, 2001. Once the 50 rooms have been reserved, room rates will increase. So be sure to book your rooms early! The hotel provides transportation to and from the Cincinnati/Northern Kentucky International Airport. Please contact the hotel to arrange specific transportation needs.

Holiday Inn Cincinnati – Airport and Conference Center
1717 Airport Exchange Blvd.
Erlanger, KY 41018
Phone: (859) 371-2233 - Fax: (859) 371-5002
(http://www.basshotels.com/hotels/cvgap)

What you can expect at DCC 2001

- A full day of papers and breakouts for the beginner to the advanced
- Two seminars/symposiums
- The sixth annual Student Paper session.
- A banquet with Special Guest Speaker.
- Informal get-togethers throughout the weekend.
- TAPR Membership Meeting
- An event at which the most important new developments in amateur digital communications are announced.
- Digital 'movers and shakers' from all over the world in attendance.

There are few activities where your participation can be **so much fun and important!** What a great way to share and renew your enthusiasm for digital amateur radio! A get-together with colleagues and bringing each other up to date on your latest work -- all this, and more, for an unforgettable weekend of amateur radio and digital communications. We hope to see you at the ARRL and TAPR Digital Communications Conference on September 21-23, 2001!

Full information on the conference and hotel information can be obtained by contacting:

Tucson Amateur Packet Radio
Phone: (940) 383-0000.
Fax: (940) 566-2544
Email: **tapr@tapr.org**
Web: **http://www.tapr.org**

Registration Form

Contact the TAPR office by Phone 940-383-0000, Fax 940-566-2544, or Internet: http://www.tapr.org and tapr@tapr.org to register or for additional information.

Conference Registration includes:
Conference Proceedings, Sessions, Meetings, and Lunch on Saturday.

• Pre-Registration (before Sept 1st)
$45.00 _____

• Registration (after Sept 1) or at door
$55.00 _____

• Saturday Evening Dinner (Limited Space)
Dinner with Guest Speaker
Prize Drawing
$30.00 _____

Symposia/Seminars

• 5th Annual APRS National Symposium
Friday, 9am - 7pm. $25.00 _____

• Sunday Seminar
Simulating Circuits and Systems with Serenade SV by Dave Newkirk, W9VES
Sunday, 8:30 am - 2 pm. $20.00 _____

TOTAL _____

Name/Call: _____

Street Address: _____

City/State/Zip:_____

Country: _____

Phone Number: _____

Email: _____

Charge my credit card (circle one):
VISA MasterCard

Acct:_____

Expiration Date: _____

Signature on card: _____

Mail completed registration form with check to:

TAPR
8987-309 E Tanque Verde Rd #3378
Tucson, AZ 85749-9399

Or check http://www.tapr.org/dcc for an on-line registration form.

A registration packet will be mailed in September upon receipt of registration form and payment.